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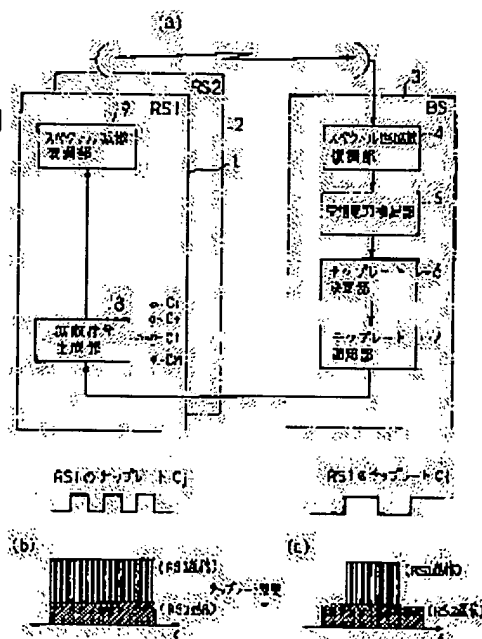
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(54) CDMA COMMUNICATION SYSTEM

(57)Abstract:

PURPOSE: To reduce intra-signal interference at the time of demodulating signals from respective remote stations and to solve a perspective problem by preparing plural chip rates and appropriately allocating them for the respective remote stations.

CONSTITUTION: When the power level of reception signals initially detected by a reception power detection part 5 is as shown by a figure (b) for the signals from the remote stations RS1 and RS2 inputted to the spectrum inverse spread demodulation part 4 of a base station BS3, a chip rate deciding blade 6 judges that the reception power level of the RS1 is to be strong interference in the inverse spread demodulation of the signals of the RS2. Then, the present chip rate C_j of the RS1 is changed and decided to be C_i lower than the C_j and the RS1 is informed from a chip rate informing part 7. In the RS1, a spreading code is generated corresponding to the chip rate C_i informed from the BS by a spreading code generation part 8, is supplied to a spectrum spread modulation part 9 to perform spectrum spread modulation and is transmitted to the BS. Thus the reception power level from the RS1 and RS2 in the BS is turned to be as shown by the figure (c,) the BS performs an inverse spread processing by the chip rate C_j and the interference is reduced.



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